

ALLOWED CLAIMS

13. A photosensitive member comprising:
a photosensitive layer; and
an exterior surface layer containing tantalum doped tin oxide having the mean particle size of 0.3 to 1.0 micro-meters.
14. The photosensitive member of claim 13, wherein the tantalum doped tin-oxide is dispersed in a binder resin.
15. The photosensitive member of claim 13, wherein the tantalum doped tin oxide is a tin oxide doped with 0.1 to 10 percentage-by-weight tantalum.
16. The photosensitive member of claim 13, wherein the tantalum doped tin oxide is a solid solution of tin oxide and tantalum.
17. The photosensitive member of claim 13, wherein the tantalum doped tin oxide is formed by coating the surface of tin oxide with tantalum.
20. The photosensitive member of claim 13, wherein a content of the tantalum doped tin oxide is 5 to 70 percentage-by-weight of the total of the exterior surface layer.

21. The photosensitive member of claim 13, wherein the exterior surface layer has a thickness of 7 micro-meters or less.

31. The photosensitive member of claim 21, wherein the exterior surface layer has the thickness of 1 to 5 micro-meters.

32. The photosensitive member of claim 20, wherein the content of the tantalum doped tin oxide is 7 to 40 percentage-by-weight.

33. The photosensitive member of claim 13, wherein the tantalum doped tin oxide is surface-treated by a silane coupling agent or a titanium coupling agent.

34. A photosensitive member comprising:
a substrate;
a charge generating layer being formed on the substrate and containing an organic charge generating material;
a charge transporting layer being formed on the charge generating layer and containing a charge transporting material and a first binder resin; and
an exterior surface layer being formed on the charge transporting layer and containing tantalum doped tin oxide having the mean particle size of 0.3 to 1.0 micro-meters and a second binder resin.

35. The photosensitive member of claim 34, wherein the tantalum doped tin oxide is a tin oxide doped with 0.1 to 10 percentage-by-weight tantalum.

38. The photosensitive member of claim 34, wherein a content of the tantalum doped tin oxide is 5 to 70 percentage-by-weight of the total of the exterior surface layer.

39. The photosensitive member of claim 38, wherein the content of the tantalum doped tin oxide is 7 to 40 percentage-by-weight.

40. The photosensitive member of claim 34, wherein the exterior surface layer has a thickness of 7 micro-meters or less.

41. The photosensitive member of claim 40, wherein the exterior surface layer has the thickness of 1 to 5 micro-meters.

42. The photosensitive member of claim 34, wherein the tantalum doped tin oxide is surface-treated by a silane coupling agent or a titanium coupling agent.